WHAT IS CLAIMED IS:

1.   A wireless communication processing system for performing wireless communication processing operation between a plurality of apparatuses, comprising:

a first wireless communication processing device provided to first one of said plurality of apparatuses and having a first unique ID; and

a second wireless communication processing device provided to second one of said plurality of apparatuses and having a second unique ID,

wherein, in response to a connection request issued from a third wireless communication processing device provided to an apparatus other than said plurality of apparatuses to said first wireless communication processing device, the first wireless communication processing device issues a connection permission, but when ending in authentication failure, the first wireless communication processing device transmits the unique ID of the third wireless communication processing device as a third unique ID to said second wireless communication processing device as an authentication-failure or unauthorized-apparatus unique ID, the second wireless communication processing device receives the third unique ID and, when receiving a connection request from said third wireless communication processing device, the second wireless communication processing device rejects the connection.

2.   A wireless communication processing system
for performing wireless communication processing
operation between a plurality of apparatuses,
comprising:

a first wireless communication processing
device provided to first one of said plurality of
apparatuses and having a first unique ID; and

a second wireless communication processing
device provided to second one of said plurality of
apparatuses and having a second unique ID,

wherein, when a connection request is issued
from a third wireless communication processing device
provided to an apparatus other than said plurality of
apparatuses to said first wireless communication
processing device, the first wireless communication
processing device transmits the unique ID of the third
wireless communication processing device as a third
unique ID to said second wireless communication
processing device as a connection request unique ID,
the second wireless communication processing device
receives the third unique ID, displays presence of the
connection request from said third wireless
communication processing device or informs thereof, and
transmits connection permission or rejection
information to said first wireless communication
processing device, the first wireless communication
processing device receives the connection permission or
rejection information and transmits the information to

said third wireless communication processing device.

3. A wireless communication processing device for performing wireless communication processing operation between a plurality of apparatuses, comprising:

wireless communication means provided to said plurality of apparatuses and capable of transmitting and receiving unique ID's;

memory means for storing a received unique ID and an authenticating passkey therein;

control means controllably for issuing a connection permission on the basis of connection request information from an apparatus other than said plurality of apparatuses received at said wireless communication means and, when ending in authentication failure, for transmitting the unique ID of the apparatus other than the plurality of apparatuses to other ones of said plurality of apparatuses as an authentication-failure or unauthorized-apparatus unique ID.

4. A wireless communication processing device for performing wireless communication processing operation between a plurality of apparatuses, comprising:

wireless communication means provided to said plurality of apparatuses and capable of transmitting and receiving unique ID's;

memory means for storing a received unique ID

and authenticating passkey therein; and

control means controllably for issuing a
connection permission on the basis of connection
request information other than an apparatus other than
said plurality of apparatuses received at said wireless
communication means and, when ending in authentication
failure, for transmitting the unique ID of the
apparatus other than the plurality of apparatuses to
other ones of said plurality of apparatuses as an
authentication-failure or unauthorized-apparatus unique
ID and, when receiving the transmitted unique ID, for
rejecting the connection from the apparatus other than
the plurality of apparatuses.

5.   A wireless communication processing device
for performing wireless communication processing
operation between a plurality of apparatuses,
comprising:

wireless communication means provided to said
plurality of apparatuses and capable of transmitting
and receiving unique ID's;

memory means for storing a received unique ID
and authenticating passkey therein; and

control means, when said wireless
communication means receives connection request
information from an apparatus other than the plurality
of apparatuses, controllably for transmitting the
unique ID of the apparatus other than the plurality of
apparatuses to other ones of said plurality of

apparatuses as a connection request unique ID.

6.   The wireless communication processing device
as set forth in claim 3, wherein said control means
controllably stores a frequency of authentication
failure in said memory means and, when said frequency
of authentication failure reaches a predetermined
value, transmits the unique ID of the apparatus other
than said plurality of apparatuses to other ones of
said plurality of apparatuses as a authentication-
failure or unauthorized-apparatus unique ID.

7.   A wireless communication processing device
for performing wireless communication processing
operation between a plurality of apparatuses,
comprising:

        wireless communication means provided to said
plurality of apparatuses and capable of transmitting
and receiving unique ID's;

        memory means for storing a received unique ID
and an authenticating passkey therein; and

        control means controllably for issuing a
connection permission on the basis of connection
request information from the apparatus other than said
plurality of apparatuses received at said wireless
communication means and, when ending in successful
authentication, for storing the unique ID of the
apparatus other than the plurality of apparatuses to
said memory means as a connection permission unique Id.

8.   A wireless communication processing method

for performing wireless communication processing operation between a plurality of apparatuses, comprising the steps of:

storing a received unique ID and an authenticating passkey;

issuing a connection permission on the basis of connection request information from an apparatus other than said plurality of apparatuses;

when the connection permission is issued and authentication ends in failure, transmitting the unique ID of the apparatus other than said plurality of apparatuses to other ones of said plurality of apparatuses as an authentication-failure or unauthorized-apparatus unique ID; and

receiving said transmitted unique ID and rejecting the connection from the apparatus other than said plurality of apparatuses.

9. A wireless communication processing method for performing wireless communication processing operation, comprising the steps of:

storing a received unique ID and an authenticating passkey therein;

receiving connection request information from an apparatus other than said plurality of apparatuses and transmitting the unique ID of the apparatus other than the plurality of apparatuses to other ones of said plurality of apparatuses as a connection request unique ID; and

receiving the transmitted connection request unique ID, displaying presence of the connection request or informing thereof, and transmitting connection permission or rejection information to the apparatus other than said plurality of apparatuses.